

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rigid pipe ~~[[(1)]]~~ for transporting hydrocarbons ~~having a single-walled or a double-walled envelope, made from two coaxial pipes, respectively an inner pipe (2) and an outer pipe (3), separated by an annular space, this~~ the pipe ~~[[(1)]]~~ being a reelable type and further comprising at least one electrical heating cable extending through the pipe, wherein the ~~(10), characterized in that said cable~~ ~~[[(10)]]~~ is capable of undergoing an elongation of at least 0.5 % without damage.

2. (Currently Amended) A pipe according to Claim 1, ~~characterized in that the materials comprising the cable (10) are subjected~~ is subject to elastically elastic deformation while remaining below 15 % of ~~their~~ an elastic limit ~~and preferably below 5 % of the material~~.

3. (Currently Amended) A pipe according to any one of ~~Claims 1 or 2~~, ~~characterized in that said~~ wherein the cable ~~[[(10)]]~~ is disposed parallel to ~~the~~ a longitudinal axis of the pipe ~~[[(1)]]~~.

4. (Currently Amended) A pipe according to Claim 3, ~~characterized in that it~~ wherein the pipe is comprised of two coaxial pipes, including an inner ~~[[(2)]]~~ and an outer ~~[[(3)]]~~ pipe, respectively, the pipes being separated by an annular space, and ~~said the~~ cable ~~[[(10)]]~~ is disposed along one surface of the inner pipe ~~[[(2)]]~~.

5. (Currently Amended) A pipe according to any one of ~~Claims 1 to 4~~, ~~characterized in that said~~ Claim 1, wherein the cable ~~[[(10)]]~~ is a flat cable.

6. (Currently Amended) A pipe according to any one of ~~Claims 1 to 5~~ ~~characterized in that said~~ Claim 1, wherein the cable ~~[[(10)]]~~ is a central conducting braided cable ~~[[(11)]]~~.

7. (Currently Amended) A pipe according to Claim 6, ~~characterized in that~~ wherein the braided cable ~~[(11)]~~ is surrounded by at least one electrical insulation sheath ~~[(12)]~~.

8. (Currently Amended) A pipe according to ~~any one of the above Claims~~ Claim 1, wherein it ~~the pipe~~ is a pipe-in-pipe having coaxial pipes with an annular space between the pipes; and further comprising that the sealing members (20) ~~of in~~ the annular space between the coaxial pipes (2, 3) ~~are~~ , the sealing members being configured for receiving the heating cable in sections ~~[(10')]~~ of the cable.

9. (Currently Amended) A pipe according to ~~any one of the above Claims~~, ~~characterized in that there are provided~~, Claim 1, further comprising an electrical supply circuit to the cable, at different locations on the electrical supply circuit, ~~associated with the pipes~~ connection boxes ~~[(40)]~~ for automatically locally re-establishing the connection between phases of the circuit in the event of failure of the circuit.

10. (New) A pipe according to claim 1, wherein the cable extends parallel to the pipe, not being longer than the pipe through which the cable passes.

11. (New) A pipe according to claim 1, wherein the pipe has a wall and the cable is inside a space enclosed by the wall.

12. (New) A pipe according to claim 1, wherein the pipe comprises a double-walled envelope, of two coaxial pipes, respectively an inner pipe and an outer pipe, separated by an annular space.

13. (New) A pipe according to claim 12, wherein the cable passes between the coaxial pipes.

14. (New) A pipe according to Claim 1, the cable subject to elastically deformation while remaining below 5 % an elastic limit of the material.